

02/16/01  
31041 U.S. PTO

02-20-01

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EXPRESS MAIL CERTIFICATE

Date 2/16/01 Label No. 6470672084905

I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

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31041 U.S. PTO  
09/788152  
02/16/01

D B Peck [Signature]  
Name (Print) Signature



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PATENT TRADEMARK OFFICE

**DARBY & DARBY P.C.**

805 Third Avenue  
New York, New York 10022  
212-527-7700

Docket No: 6727/01307USO

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

Enclosed please find an application for United States patent as identified below:

Inventor/s (name ALL inventors): Roy EMEK, Alan HARTMAN, Gil SHUREK,  
Michael VEKSLER

Title: HYPER-ARC CONSISTENCY IN CONSTRAINT SATISFACTION NETWORK

- including the items indicated:

1. Specification and 65 claims: 9 indep.; 56 dep.; multiple dep.; including 35 page(s) of written description; 15 page(s) of claims; 1 page(s) of abstract.
2. ☐ Drawings, 6 sheets (Figs. 1-9)
3. ☒ Executed Declaration/Power of Attorney  
☐ Unexecuted Declaration/Power of Attorney
4. ☒ Assignment for recording to: INTERNATIONAL BUSINESS MACHINES CORPORATION

☐ Assignment was recorded at Reel No. , Frame No. , on .

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[X] Pursuant to 37 C.F.R. §1.215(b), please print the following assignment information on the face of the published application:

Assignee: International Business Machines Corporation

5. [X] Payment in amount of \$2040.00, (\$2000 filing; \$40 recording)  
in the form of  
[X] check  
[] deposit account no. 04-0100  
[] credit card (see attached form)  
(See attached **Fee Computation Sheet**)

Date: February 16, 2001

Respectfully submitted,

A handwritten signature in black ink, appearing to read "S. Peter Ludwig", is written over a horizontal line.

S. Peter Ludwig  
Reg. No. 25,351  
Attorney for Applicant(s)

FILED 02-03-2001

PATENT FEE COMPUTATION SHEET

	No. of Claims Presented	Extra Claims Previously Paid For	Number of Extra Claims	Rate
Basic Fee . . . . .				\$710.00
Total Claims	65 - 20	- 0 = 45	x \$18.00	\$810.00
Independent Claims	9 - 3	- 0 = 6	x \$80.00	\$480.00
Multiple Dependent Claims		- if so, add	\$270.00	\$0.00
Surcharge for late submission of filing fee and/or declaration (\$130.00)				\$0.00
SUBTOTAL . . . . .				\$2000.00
Small Entity REDUCTION (Half of Subtotal) . . . . .				\$0.00
Fee for recordation of assignment (\$40.00) . . . . .				\$40.00
Charge for filing non-English language application (\$130.00) . . . . .				\$0.00
TOTAL . . . . .				\$2040.00